

## ABSTRACT OF THE DISCLOSURE

A polymer composite and a stretched product thereof formed from a three dimensional network structure including an organic polymer (A), comprising either a  
5 polymer produced from a water soluble (meth)acrylate ester (a), or a copolymer of a water soluble (meth)acrylate ester (a) and at least one compound selected from a group consisting of (meth)acrylamide and N-substituted (meth)acrylamides (b), and a water swelling clay mineral (B).